Clicker Question

- The tide wave has a period of about 12h. The time between high and low tide is typically about:
  - A. 3 hours
  - B. 6 hours
  - C. 12 hours
  - D. 18 hours
  - E. 24 hours

Clicker Question

- The bending of waves by slowing in shallow water so that they approach nearly perpendicular to the shore is called:
  - A. inflection
  - B. reflection
  - C. refraction
  - D. diffraction
  - E. deflection

Clicker Question

- The time between successive wave crests is the:
  - A. Wave length
  - B. Wave height
  - C. Period
  - D. Wave base
  - E. Crest

Clicker Question

- Sand-sized particles accumulate at beaches because rivers deliver lots of sand and clay to the coast and:
  - A. the wave action keeps finer particles suspended
  - B. the finer particles dissolve in the water
  - C. the finer particles rarely occur in marine environments
  - D. the finer particles are blown away by the wind
  - E. coarser particles do not occur in marine environments

Clicker Question

- The distance between successive wave crests is the:
  - A. Wave length
  - B. Wave height
  - C. Period
  - D. Wave base
  - E. Crest

Clicker Question

- The wave base is about one-half the wavelength. Silt and clay-sized particles can only be deposited below wave base. If the typical wave length is 100m in a coastal region, you would expect a sandy or rocky bottom at depths shallower than about:
  - A. 2m
  - B. 10m
  - C. 50m
  - D. 100m
  - E. 200m